

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\  
 Data File : VU038530.D  
 Acq On : 03 Jun 2020 21:40  
 Operator : SY/MD  
 Sample : L2844-22  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AG3

Quant Time: Jun 04 01:51:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 04 01:48:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 295906   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 292616   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 141020   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 54678    | 2.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 57.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 58514    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 98833    | 2.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 52.40%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 346705   | 59.59    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.18% |
| 24) Chloroform-d               | 5.10   | 84    | 175100   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 107886   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 32) Benzene-d6                 | 5.76   | 84    | 339859   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 110540   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 273887   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 43384    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 299278   | 62.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 125.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 101731   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 122866   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

## Target Compounds

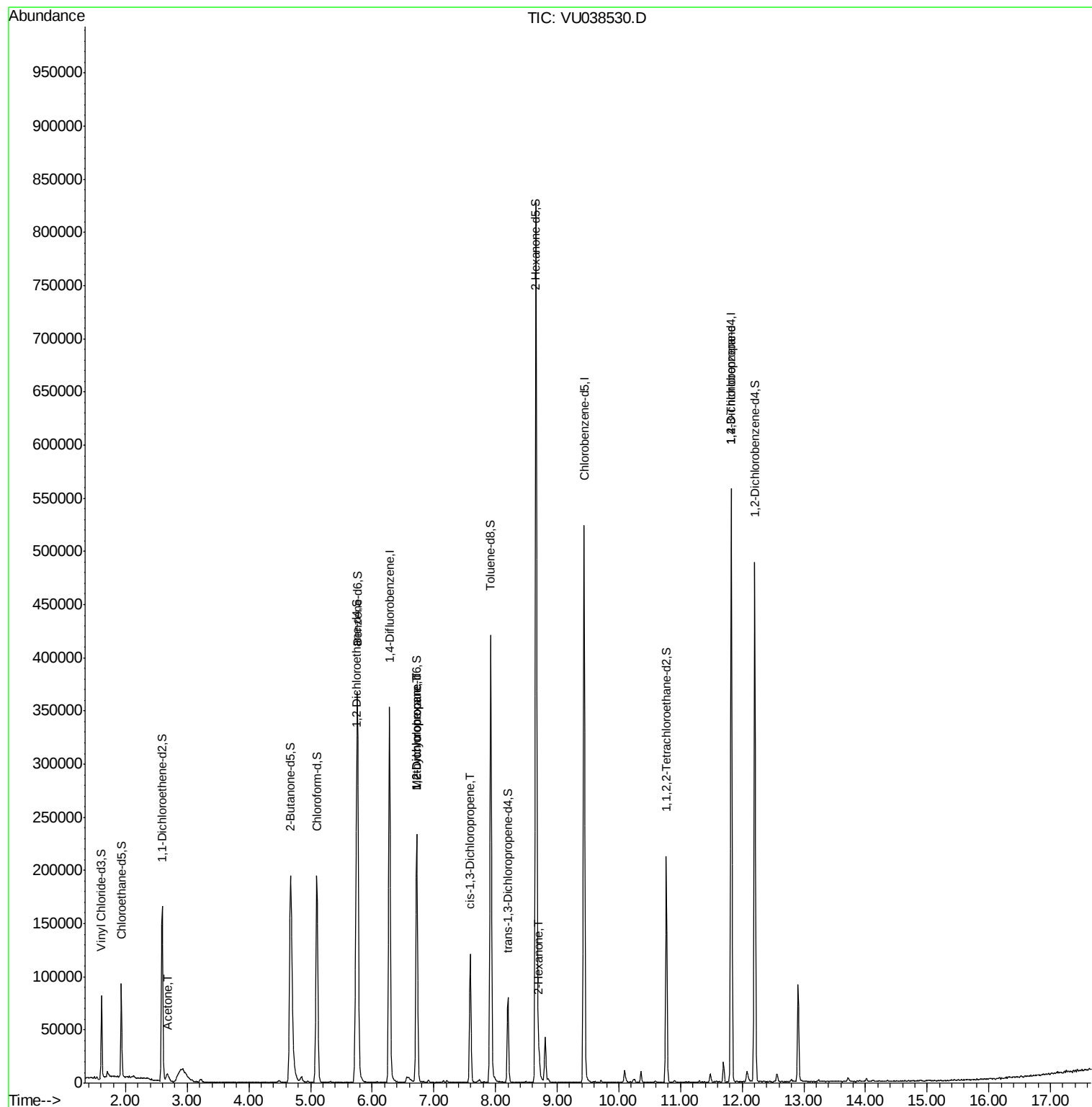
|                             |       |    |       |       | Ovalue    |
|-----------------------------|-------|----|-------|-------|-----------|
| 13) Acetone                 | 2.68  | 43 | 14231 | 3.738 | ug/L 98   |
| 35) Methylcyclohexane       | 6.72  | 83 | 27082 | 0.826 | ug/L # 17 |
| 37) 1,2-Dichloropropane     | 6.72  | 63 | 12246 | 0.596 | ug/L # 86 |
| 39) cis-1,3-Dichloropropene | 7.59  | 75 | 3080  | 0.101 | ug/L # 60 |
| 48) 2-Hexanone              | 8.71  | 43 | 10743 | 0.966 | ug/L # 89 |
| 59) 1,2,3-Trichloropropane  | 11.82 | 75 | 17559 | 1.146 | ug/L 91   |

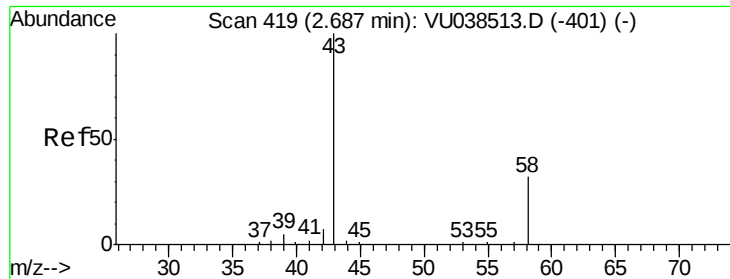
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jun 04 01:48:03 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 3.738 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038530.D

Acq: 03 Jun 2020 21:40

Instrument :

MSVOA\_U

ClientSampleId :

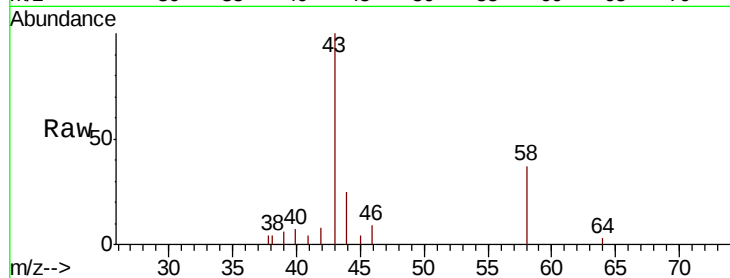
C0AG3

Tot Ion: 43 Resp: 14231

Ion Ratio Lower Upper

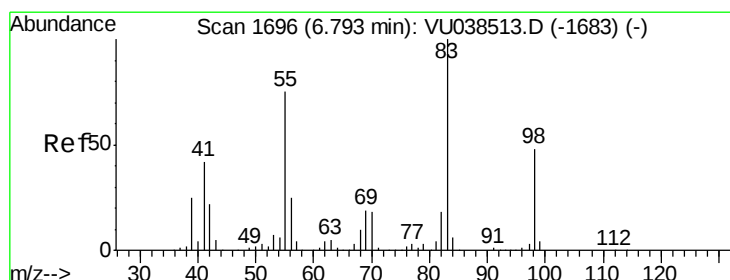
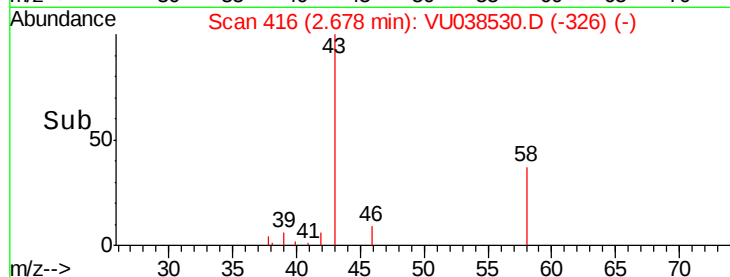
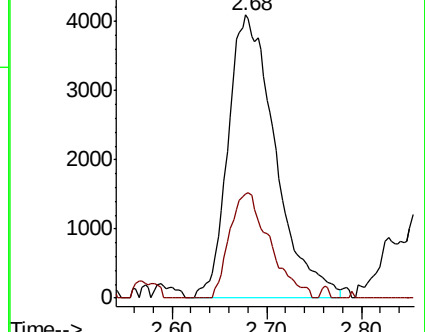
43 100

58 31.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038513.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038513.D (-401) (-)



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038530.D

Acq: 03 Jun 2020 21:40

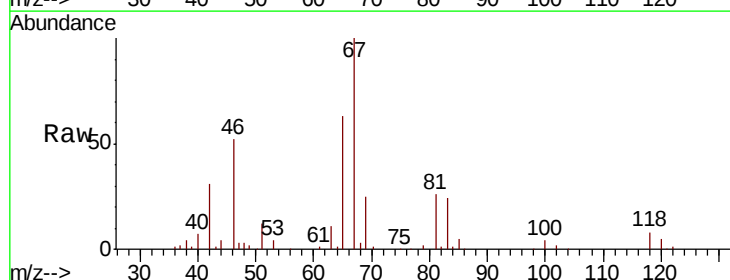
Tgt Ion: 83 Resp: 27082

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

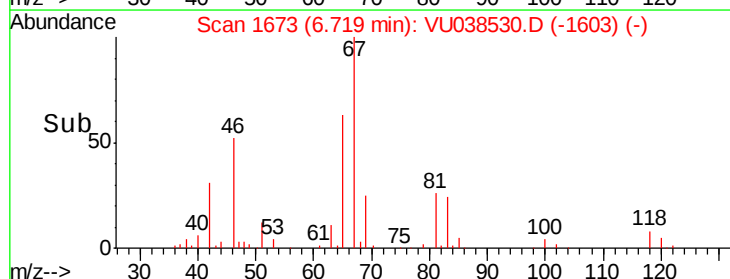
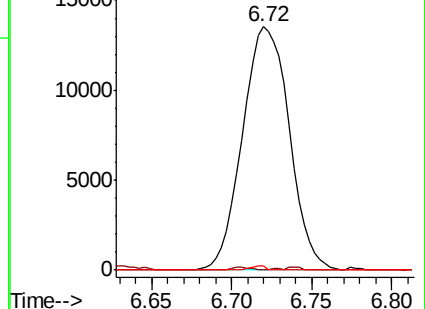
98 0.5 39.0 58.4#

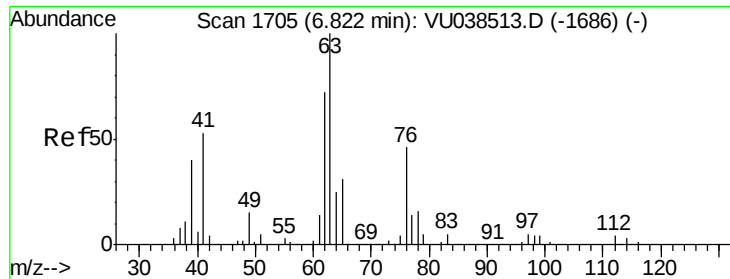


Abundance Ion 83.15 (82.85 to 83.85): VU038513.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038513.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038513.D (-1683) (-)

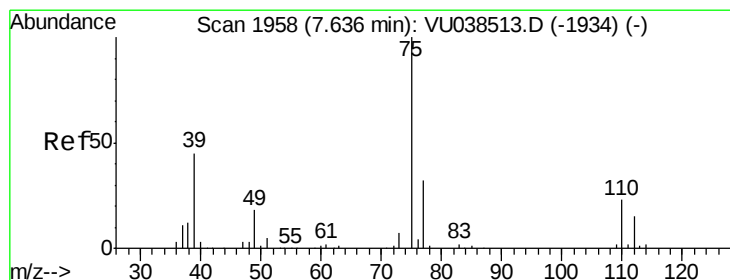
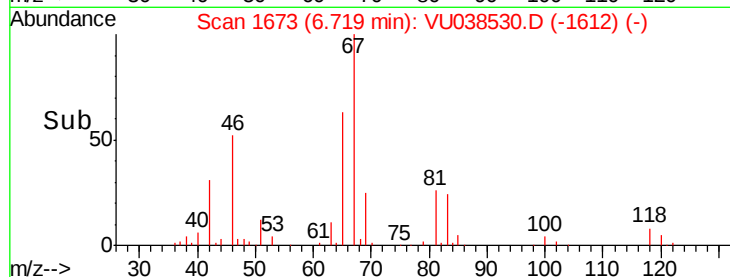
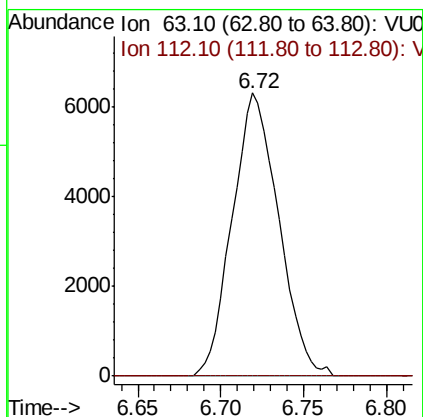
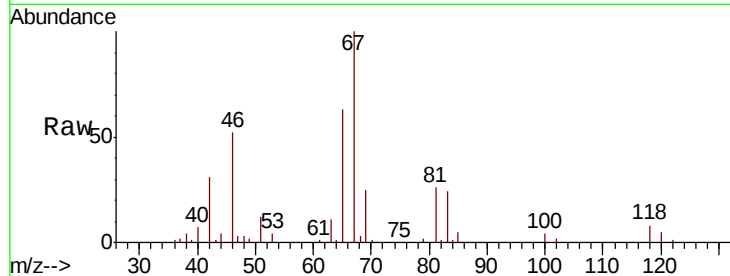




#37  
 1,2-Dichloropropane  
 Concen: 0.596 ug/L  
 RT: 6.72 min Scan# 1673  
 Delta R.T. -0.10 min  
 Lab File: VU038530.D  
 Acq: 03 Jun 2020 21:40

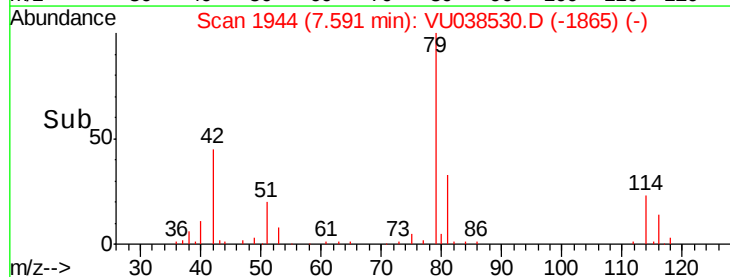
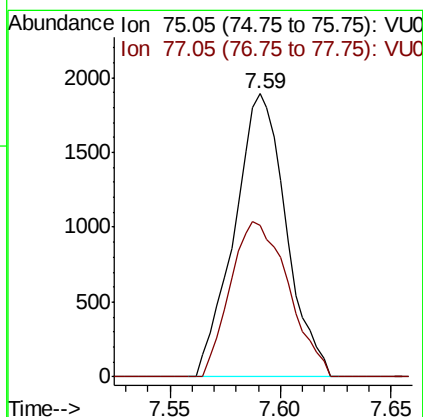
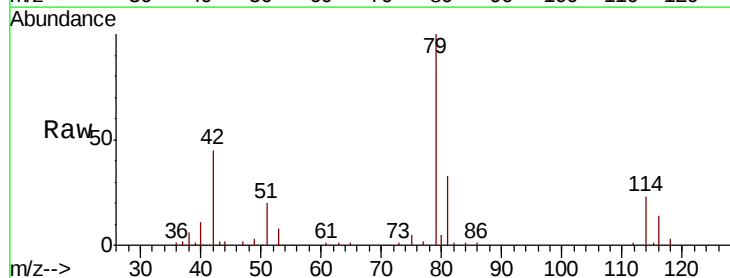
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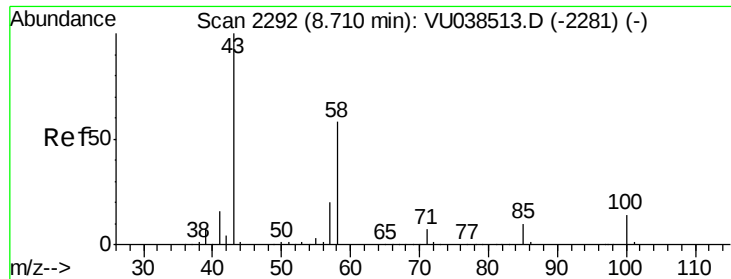
Tot Ion: 63 Resp: 12246  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.7 5.5#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.101 ug/L  
 RT: 7.59 min Scan# 1944  
 Delta R.T. -0.05 min  
 Lab File: VU038530.D  
 Acq: 03 Jun 2020 21:40

Tgt Ion: 75 Resp: 3080  
 Ion Ratio Lower Upper  
 75 100  
 77 53.4 21.9 40.7#

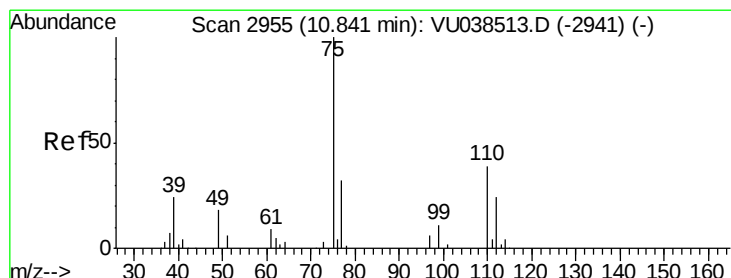
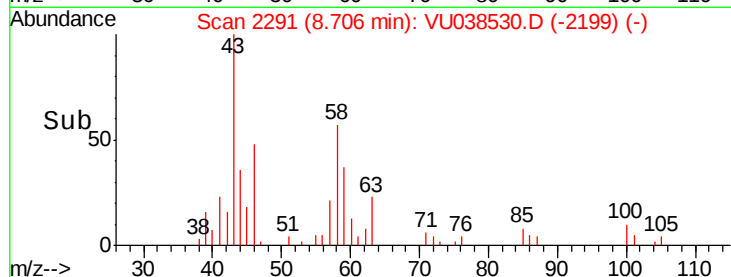
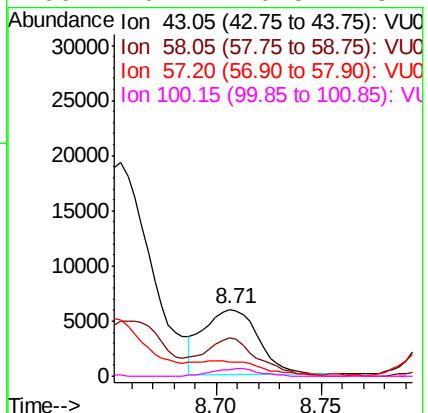
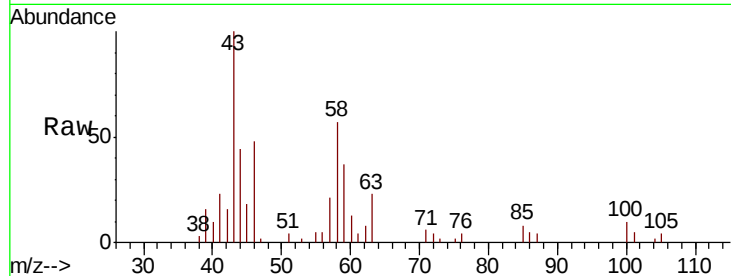




#48  
2-Hexanone  
Concen: 0.966 ug/L  
RT: 8.71 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: VU038530.D  
Acq: 03 Jun 2020 21:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AG3

Tot Ion: 43 Resp: 10743  
Ion Ratio Lower Upper  
43 100  
58 55.8 45.4 68.0  
57 0.0 15.9 23.9#  
100 10.2 10.5 15.7#



#59  
1,2,3-Trichloropropane  
Concen: 1.146 ug/L  
RT: 11.82 min Scan# 3260  
Delta R.T. 0.98 min  
Lab File: VU038530.D  
Acq: 03 Jun 2020 21:40

Tgt Ion: 75 Resp: 17559  
Ion Ratio Lower Upper  
75 100  
77 36.9 25.4 38.2

